

Build Version File Error ...

[chain](#) 11 posts since

Jun 25, 2008 I am having trouble building the LISv5.0 code. I get the following error when attempting to compile the source code.

Building version file version.F90

sh build_version.sh

gmake: *** version.F90 Error 1

Below is my configure.lis file:

```
FC          = lf95
LD          = lf95
CC          = gcc
INC_NETCDF =
LIB_NETCDF =
LIB_MPI     =
INC_MPI    =
LIB_ESMF    =
/rhome/hain/esmf/lib/lib0/Linux.lahey.32.mpiuni.default
MOD_ESMF    =
/rhome/hain/esmf/mod/mod0/Linux.lahey.32.mpiuni.default
CFLAGS      = -c -O -DUSE_GCC -DLAHEY -DLITTLE_ENDIAN
FFLAGS      = -c -O -DHIDE_SHR_MSG -DLINUX -DNO_SHR_VMATH
-DLAHEY -DLITTLE_ENDIAN -DHIDE_MPI -I$(MOD_ESMF)
FFLAGS77    =
LDFLAGS     = ./lib/w3lib/libw3.a ./lib/read_grib/readgrib.a
./lib/grib/griblib.a -lesmf -L$(LIB_ESMF) -lnetcdf_stubs
```

I've also tried to compile with PGI, but I get the error regardless of my configuration. Just as a note, I had no problem building LIS.4.3.2 on this system.

Any help would be greatly appreciated.

Chris Tags: compile, lis

[oloso](#) 6 posts since

Aug 16, 2007 [1. Re: Build Version File Error](#) Jun 26, 2008 10:30 AM

Chris,

Are you trying to build on any of the NCCS machines?

-Hamid

[chain](#) 11 posts since

Jun 25, 2008 [2. Re: Build Version File Error](#) Jun 26, 2008 12:05 PM

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in response to: [oloso](#)

No, I am not. I'm a graduate student at UAH so I am trying to build it on a system here.

[knemunai](#) 50 posts since

Apr 16, 2008 [3. Re: Build Version File Error](#) Jun 26, 2008 12:14 PM

Compiling with PGI was chore for me because we apparently have a very picky compiler at OU and I'm the only person using PGI (everyone is using Intel). I've attached my PGI configure.lis file in case it might be useful. I'm in the same boat you are, graduate student trying to build LIS on a non-NCCS system. I've kept every email regarding every compile error I ran into with PGI that the LIS Team helped me with. Good luck!

-Kodi Attachments:

- [configure.lis.txt](#) (837 bytes)

[geiger](#) 19 posts since

Sep 20, 2007 [4. Re: Build Version File Error](#) Jun 26, 2008 1:14 PM

Hello,

Long lines in the configure.lis file can cause errors when compiling version.F90. Try this configure.lis file:

```
FC      = lf95
LD      = lf95
CC      = gcc
INC_NETCDF =
LIB_NETCDF =
LIB_MPI =
INC_MPI =
LIB_ESMF =
/rhome/hain/esmf/lib/lib0/Linux.lahey.32.mpiuni.default
MOD_ESMF =
/rhome/hain/esmf/mod/mod0/Linux.lahey.32.mpiuni.default
CFLAGS   = -c -O -DUSE_GCC -DLAHEY -DLITTLE_ENDIAN
FFLAGS   = -c -O -DHIDE_SHR_MSG -DLINUX -DNO_SHR_VMATH
-DLAHEY \
          -DLITTLE_ENDIAN -DHIDE_MPI -I$(MOD_ESMF)
FFLAGS77 =
LDFLAGS  = ../../lib/w3lib/libw3.a ../../lib/read_grib/readgrib.a
\
          ../../lib/grib/griblib.a -lesmf -L$(LIB_ESMF)
-lncdf_stubs
```

Jim

[chain](#) 11 posts since

Jun 25, 2008 [5. Re: Build Version File Error](#) Jun 26, 2008 4:56 PM

in response to: [geiger](#) Thanks Jim! That was exactly the problem.